

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	101	(pre\$1process\$3 or sampl\$3) and ((whiten\$3 or (white adj noise)) same (input or signal)) and (random adj parameters or random) and (frame adj determination same voice same noise or vad or voice adj activity adj detect\$3) and frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:33
S5	72	S2 and (overlap or lay adj over or combine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:30
S25	281	(voice adj activity adj detect\$3 or vad) and (gaussian or white) adj noise	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:01
S27	51	S25 and overlap and divid\$3 with (signal or voice or speech)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:02
S31	3904	run adj test and (voice or sound or speech signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:08
S32	892	run adj test and (voice or sound or speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:27
S37	490	run adj test and (voice or speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:28

## EAST Search History

S45	226	random\$4 same frame and (voice adj activity adj detector or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45
S46	133	random\$4 with frame and (voice adj activity adj detector or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45
S48	79	(voice adj activity adj detect\$3 or vad) and (voice or speech) and fricative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:54
S65	995	704/226,228.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:53
S86	272	704/226,228,231,246.ccls. and ((add adding addition insert inserting insertion) with (random noise)) and (recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 09:23
S92	23	(random adj parameter randomness) and frame and ((voice speech) adj activity adj detect\$3 or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 10:36
S93	16	(random with probability) same frame and ((voice speech) adj activity adj detect\$3 or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 10:36

## EAST Search History

S96	432	"704".clas. and (vad or (voice or speech) adj activity detect\$3) and (zero adj cross\$3 energy) and ((start begin) with (speech voice)) and ((end endpoint finish) with (speech voice))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 07:41
S10 0	61	fricative same threshold and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 13:35
S10 1	522	(fricative or unvoiced) same threshold and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 13:35
S10 6	333	"704".clas. and ((voice speech) same (consecutive identical series times number) same frame same (voiced unvoiced speech noise) same energy) and (vad or ((voice speech) with detect\$3))	US-PGPUB; USPAT	OR	OFF	2007/10/16 14:44